



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 5

Test Date: March 2009
Code: 11031303
SAU: Mechanic Falls School Dept
School: Elm Street School-Mechanic Fal

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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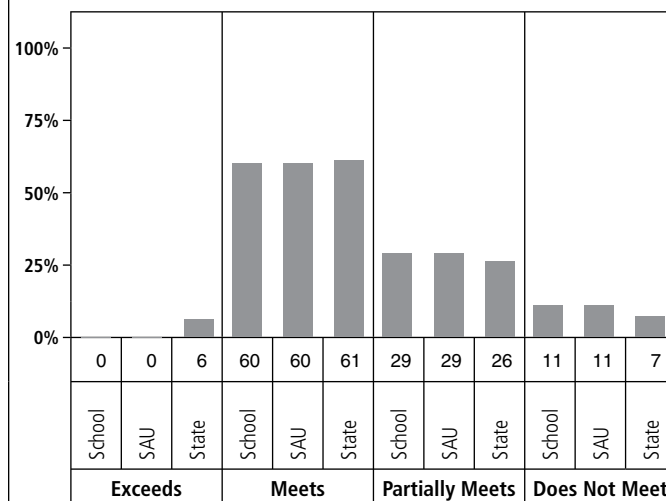
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: Mechanic Falls School Dept
School: Elm Street School-Mechanic Fal

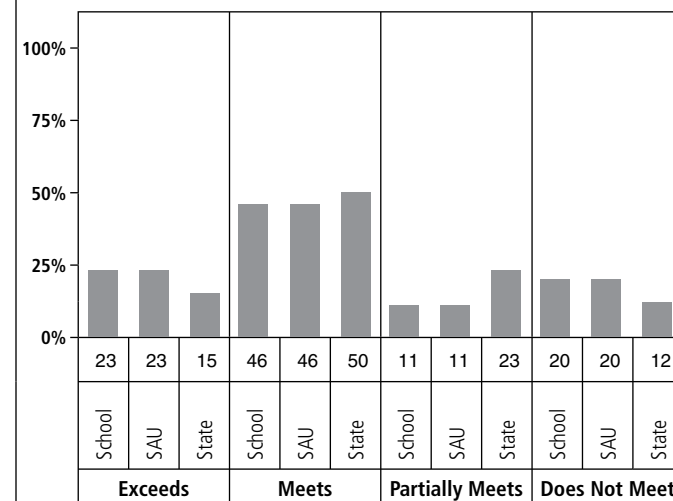
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	547	547	544
2007–2008	547	547	545
2008–2009	544	544	546
Cum. Avg.*	546	546	545
Mathematics			
2006–2007	550	550	546
2007–2008	549	549	546
2008–2009	546	546	547
Cum. Avg.*	548	548	546
Science			
2008–2009 **	546	546	543

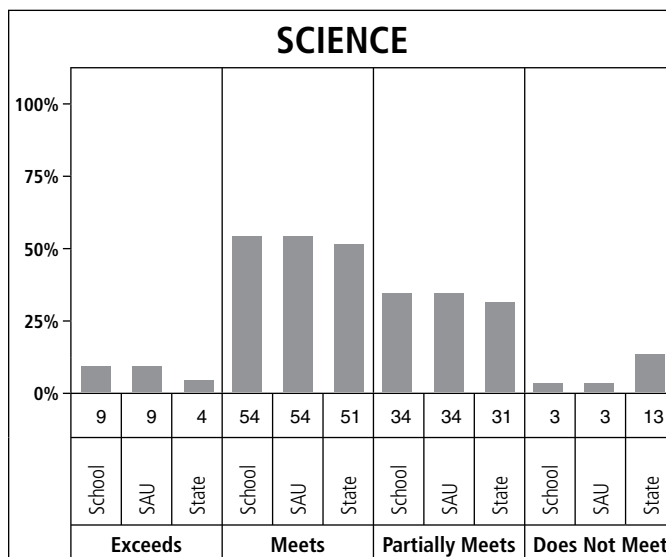
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

**Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
 Grade: 5
 SAU: Mechanic Falls School Dept
 School: Elm Street School-Mechanic Fal

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	38	100	38	100	14212	100	37	97	37	97	14135	100	37	97	37	97	14144	100	37	97	37	97	14137	100
Ethnicity African American/Black	0	0	0	0	397	3	0	0	0	0	388	98	0	0	0	0	393	99	0	0	0	0	389	98
American Indian or Native Alaskan	0	0	0	0	110	1	0	0	0	0	110	100	0	0	0	0	110	100	0	0	0	0	110	100
Asian or Pacific Islander	1	3	1	3	259	2	1	100	1	100	253	98	1	100	1	100	258	100	1	100	1	100	257	99
Hispanic	1	3	1	3	175	1	1	100	1	100	172	99	1	100	1	100	172	99	1	100	1	100	173	99
Caucasian/White	36	95	36	95	13271	93	35	97	35	97	13212	100	35	97	35	97	13211	100	35	97	35	97	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	9	24	9	24	2479	17	9	100	9	100	2454	100	9	100	9	100	2455	100	9	100	9	100	2451	99
Current LEP	0	0	0	0	374	3	0	0	0	0	359	96	0	0	0	0	370	99	0	0	0	0	366	98
Economically disadvantaged	18	47	18	47	5848	41	18	100	18	100	5815	100	18	100	18	100	5819	100	18	100	18	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	28	74	28	74	10849	76	28	74	28	74	10872	76	28	74	28	74	10976	77
Identified disability (PET/IEP)	1	4	1	4	298	3	1	4	1	4	307	3	1	4	1	4	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
Participation with accommodations	7	18	7	18	3122	22	7	18	7	18	3124	22	7	18	7	18	3019	21
Identified disability (PET/IEP)	6	86	6	86	1992	64	6	86	6	86	2000	64	6	86	6	86	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	1	14	1	14	907	29	1	14	1	14	886	28	1	14	1	14	826	27
Participation through alternate assessment (PAAP)	2	5	2	5	164	1	2	5	2	5	148	1	2	5	2	5	142	1
Identified disability (PET/IEP)	2	100	2	100	164	100	2	100	2	100	148	100	2	100	2	100	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
Non-participation – other	1	3	1	3	58	0	1	3	1	3	49	0	1	3	1	3	55	0

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 5
SAU: Mechanic Falls School Dept
School: Elm Street School-Mechanic Fal

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	3	9	3	9	702	5
	2007-2008	2	7	2	7	659	5
	2008-2009	0	0	0	0	836	6
	Cum. Total*	5	5	5	5	2197	5
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	20	59	20	59	7730	55
	2007-2008	22	73	22	73	8195	58
	2008-2009	21	60	21	60	8495	61
	Cum. Total*	63	64	63	64	24420	58
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	10	29	10	29	4182	30
	2007-2008	3	10	3	10	3800	27
	2008-2009	10	29	10	29	3667	26
	Cum. Total*	23	23	23	23	11649	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	1	3	1	3	1419	10
	2007-2008	3	10	3	10	1362	10
	2008-2009	4	11	4	11	973	7
	Cum. Total*	8	8	8	8	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	29.3	61.0	29.3	61.0	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	13.6	56.7	13.6	56.7	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	15.7	65.4	15.7	65.4	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Mechanic Falls School Dept
 School: Elm Street School-Mechanic Fal

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	35	0	0	21	60	10	29	4	11	544	35	0	60	29	11	544	13971	6	61	26	7	546
Ethnicity																						
African American/Black	0										0						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	1										1						252	11	58	21	11	547
Hispanic	1										1						166	4	54	32	10	543
Caucasian/White	33	0	0	20	61	9	27	4	12	544	33	0	61	27	12	544	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	1	14	2	29	4	57	533	7	0	14	29	57	533	2290	0	29	47	23	537
No	28	0	0	20	71	8	29	0	0	546	28	0	71	29	0	546	11681	7	67	22	4	548
Current LEP																						
Yes	0										0						354	1	35	34	30	538
No	35	0	0	21	60	10	29	4	11	544	35	0	60	29	11	544	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	16	0	0	8	50	5	31	3	19	541	16	0	50	31	19	541	5716	2	51	35	12	542
No	19	0	0	13	68	5	26	1	5	546	19	0	68	26	5	546	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	35	0	0	21	60	10	29	4	11	544	35	0	60	29	11	544	13963	6	61	26	7	546
Gender																						
Female	15	0	0	8	53	5	33	2	13	543	15	0	53	33	13	543	6882	8	62	24	6	547
Male	20	0	0	13	65	5	25	2	10	544	20	0	65	25	10	544	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	7	0	0	3	43	3	43	1	14	538	7	0	43	43	14	538	1914	1	41	44	14	540
No	28	0	0	18	64	7	25	3	11	545	28	0	64	25	11	545	12057	7	64	23	6	547
Gifted/talented program																						
Yes	3										3						450	26	72	2	0	557
No	32	0	0	18	56	10	31	4	13	543	32	0	56	31	13	543	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: Mechanic Falls School Dept

School: Elm Street School-Mechanic Fal

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	6 66 23 6	0 0 0 0	0 0 0 0	0 15 5 1	0 65 63 50	0 6 3 1	0 26 38 50	2 2 0 0	100 9 0 0	528 544 547 540	6 66 23 6	0 0 0 0	0 65 63 50	0 26 38 50	100 9 0 0	528 544 547 540	4 70 24 2	2 6 7 4	40 63 61 42	34 26 26 33	24 6 6 21	540 546 546 541
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	17 51 23 9	0 0 0 0	0 0 0 0	5 14 1 1	83 78 13 33	1 3 5 1	17 17 63 33	0 1 2 1	0 6 25 33	546 547 537 537	17 51 23 9	0 0 0 0	83 78 13 33	17 17 63 33	0 6 25 33	546 547 537 537	36 47 15 2	10 5 2 0	67 62 47 30	18 27 40 46	5 6 12 24	549 546 541 537
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	24 65 9 3	0 0 0 0	0 0 0 0	6 14 1 0	75 64 33 0	1 6 1 1	13 27 33 100	1 2 1 0	13 9 33 0	544 545 536 540	24 65 9 3	0 0 0 0	75 64 33 0	13 27 33 100	13 9 33 0	544 545 536 540	31 55 10 3	9 5 3 1	65 63 45 31	20 27 38 41	5 5 14 27	548 546 542 537
How difficult was the reading part of this test? A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	17 54 29	0 0 0	0 0 0	2 11 8	33 58 80	1 8 1	17 42 10	3 0 1	50 0 10	535 545 546	17 54 29	0 0 0	33 58 80	17 42 10	50 0 10	535 545 546	16 64 20	3 7 5	49 63 62	32 25 26	15 5 7	542 547 546
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	14 46 40	0 0 0	0 0 0	1 11 9	20 69 64	2 4 4	40 25 29	2 1 1	40 6 7	534 546 544	14 46 40	0 0 0	20 69 64	40 25 29	40 6 7	534 546 544	10 52 38	1 4 10	33 61 68	42 29 18	24 6 4	538 545 549
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	20 46 17 17	0 0 0 0	0 0 0 0	4 10 5 2	57 63 83 33	2 5 1 2	29 31 17 33	1 1 0 2	14 6 0 33	541 546 548 537	20 46 17 17	0 0 0 0	57 63 83 33	29 31 17 33	14 6 0 33	541 546 548 537	20 56 10 14	10 7 3 1	64 65 52 46	21 24 33 38	5 5 12 14	548 547 543 541
How many pages do you read in school and to complete homework assignments? A. five or fewer pages B. six to ten pages C. eleven or more pages	40 26 34	0 0 0	0 0 0	7 7 7	50 78 58	4 2 4	29 22 33	3 0 1	21 0 8	540 549 544	40 26 34	0 0 0	50 78 58	29 22 33	21 0 8	540 549 544	25 26 49	3 6 8	53 61 65	33 26 23	11 7 5	543 546 547
Optional school/SAU question A. B. C. D.	0 0 0 0										0 0 0 0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 5
SAU: Mechanic Falls School Dept
School: Elm Street School-Mechanic Fal

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	6	18	6	18	1711	12
	2007-2008	5	17	5	17	1617	12
	2008-2009	8	23	8	23	2119	15
	Cum. Total*	19	19	19	19	5447	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	20	59	20	59	6778	48
	2007-2008	19	63	19	63	7284	52
	2008-2009	16	46	16	46	7046	50
	Cum. Total*	55	56	55	56	21108	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	5	15	5	15	3884	28
	2007-2008	4	13	4	13	3341	24
	2008-2009	4	11	4	11	3193	23
	Cum. Total*	13	13	13	13	10418	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	3	9	3	9	1683	12
	2007-2008	2	7	2	7	1778	13
	2008-2009	7	20	7	20	1638	12
	Cum. Total*	12	12	12	12	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	25.3	52.7	25.3	52.7	25.5	53.1
A. Number	18	38	10.5	58.3	10.5	58.3	9.8	54.4
B. Data	10	21	4.9	49.0	4.9	49.0	5.2	52.0
C. Geometry	10	21	4.4	44.0	4.4	44.0	4.7	47.0
D. Algebra	10	21	5.5	55.0	5.5	55.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Mechanic Falls School Dept
 School: Elm Street School-Mechanic Fal

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	35	8	23	16	46	4	11	7	20	546	35	23	46	11	20	546	13996	15	50	23	12	547
Ethnicity																						
African American/Black	0										0						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	1										1						257	19	50	20	12	548
Hispanic	1										1						166	9	43	31	17	543
Caucasian/White	33	8	24	15	45	3	9	7	21	546	33	24	45	9	21	546	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	7	1	14	1	14	1	14	4	57	531	7	14	14	14	57	531	2307	3	32	32	33	536
No	28	7	25	15	54	3	11	3	11	549	28	25	54	11	11	549	11689	17	54	21	8	549
Current LEP																						
Yes	0										0						365	5	33	30	32	536
No	35	8	23	16	46	4	11	7	20	546	35	23	46	11	20	546	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	16	3	19	6	38	3	19	4	25	543	16	19	38	19	25	543	5731	7	46	29	18	542
No	19	5	26	10	53	1	5	3	16	548	19	26	53	5	16	548	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	35	8	23	16	46	4	11	7	20	546	35	23	46	11	20	546	13988	15	50	23	12	547
Gender																						
Female	15	2	13	8	53	1	7	4	27	543	15	13	53	7	27	543	6889	14	51	23	12	546
Male	20	6	30	8	40	3	15	3	15	548	20	30	40	15	15	548	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	7	0	0	4	57	1	14	2	29	537	7	0	57	14	29	537	1918	3	39	36	22	539
No	28	8	29	12	43	3	11	5	18	548	28	29	43	11	18	548	12078	17	52	21	10	548
Gifted/talented program																						
Yes	3										3						450	64	34	2	0	564
No	32	6	19	15	47	4	13	7	22	544	32	19	47	13	22	544	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 5
 SAU: Mechanic Falls School Dept
 School: Elm Street School-Mechanic Fal

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	6	0	0	0	0	0	0	2	100	521	6	0	0	0	100	521	4	8	38	26	28	539
B. less than one hour	66	6	26	12	52	3	13	2	9	551	66	26	52	13	9	551	70	15	52	23	10	547
C. one to two hours	23	2	25	4	50	1	13	1	13	545	23	25	50	13	13	545	24	15	51	23	11	547
D. more than two hours	6	0	0	0	0	0	0	2	100	518	6	0	0	0	100	518	2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	31	4	36	5	45	1	9	1	9	555	31	36	45	9	9	555	34	28	50	14	8	552
B. good	26	3	33	3	33	2	22	1	11	548	26	33	33	22	11	548	45	11	54	24	10	546
C. fair	37	1	8	8	62	0	0	4	31	538	37	8	62	0	31	538	18	3	45	33	19	540
D. poor	6	0	0	0	0	1	50	1	50	531	6	0	0	50	50	531	3	1	29	41	29	535
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	37	2	15	8	62	1	8	2	15	547	37	15	62	8	15	547	38	22	52	19	7	550
B. They match some of what I have learned.	37	4	31	6	46	2	15	1	8	550	37	31	46	15	8	550	48	12	53	24	11	546
C. They match just a little of what I have learned.	17	2	33	2	33	1	17	1	17	547	17	33	33	17	17	547	11	6	40	30	24	540
D. There is no match.	9	0	0	0	0	0	0	3	100	517	9	0	0	0	100	517	3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	21	0	0	3	43	1	14	3	43	533	21	0	43	14	43	533	17	7	42	30	21	540
B. about the same as my regular schoolwork	41	2	14	8	57	2	14	2	14	546	41	14	57	14	14	546	64	15	53	23	10	547
C. easier than my regular schoolwork	38	5	38	5	38	1	8	2	15	551	38	38	38	8	15	551	19	24	49	17	10	550
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	11	1	25	0	0	0	0	3	75	533	11	25	0	0	75	533	7	6	39	27	27	539
B. 30–45 minutes	23	0	0	4	50	3	38	1	13	544	23	0	50	38	13	544	28	9	49	28	15	544
C. 45–60 minutes	54	7	37	10	53	0	0	2	11	552	54	37	53	0	11	552	41	17	53	21	9	548
D. more than 60 minutes	11	0	0	2	50	1	25	1	25	535	11	0	50	25	25	535	24	21	51	20	8	549
How often do you use calculators in mathematics class?																						
A. almost every day	0										0						6	14	43	24	20	543
B. two or three days a week	34	4	33	6	50	0	0	2	17	551	34	33	50	0	17	551	24	17	52	21	10	548
C. two or three times each month	40	2	14	9	64	3	21	0	0	549	40	14	64	21	0	549	33	17	52	21	9	548
D. never or almost never	26	2	22	1	11	1	11	5	56	533	26	22	11	11	56	533	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	12	1	25	1	25	1	25	1	25	540	12	25	25	25	25	540	23	13	47	26	15	545
B. two or three days a week	35	3	25	6	50	2	17	1	8	550	35	25	50	17	8	550	31	17	52	21	10	548
C. two or three times each month	38	3	23	8	62	1	8	1	8	551	38	23	62	8	8	551	27	17	52	21	10	548
D. never or almost never	15	0	0	1	20	0	0	4	80	524	15	0	20	0	80	524	20	12	50	24	14	545
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

SCIENCE RESULTS

Test Date: March 2009
Grade: 5
SAU: Mechanic Falls School Dept
School: Elm Street School-Mechanic Fal

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	3	9	3	9	626	4
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	19	54	19	54	7187	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	12	34	12	34	4364	31
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	1	3	1	3	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	48	100	31.0	64.6	31.0	64.6	29.2	60.8
D. The Physical Setting	24	50	13.7	57.1	13.7	57.1	12.9	53.8
E. The Living Environment	24	50	17.3	72.1	17.3	72.1	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Mechanic Falls School Dept
 School: Elm Street School-Mechanic Fal

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	35	3	9	19	54	12	34	1	3	546	35	9	54	34	3	546	13995	4	51	31	13	543
Ethnicity																						
African American/Black	0										0						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	1										1						256	5	51	27	17	542
Hispanic	1										1						167	1	40	37	22	539
Caucasian/White	33	3	9	17	52	12	36	1	3	546	33	9	52	36	3	546	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	7	1	14	0	0	5	71	1	14	537	7	14	0	71	14	537	2309	2	29	39	29	536
No	28	2	7	19	68	7	25	0	0	549	28	7	68	25	0	549	11686	5	56	30	10	545
Current LEP																						
Yes	0										0						361	1	23	32	44	533
No	35	3	9	19	54	12	34	1	3	546	35	9	54	34	3	546	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	16	0	0	10	63	5	31	1	6	545	16	0	63	31	6	545	5729	2	42	37	20	539
No	19	3	16	9	47	7	37	0	0	548	19	16	47	37	0	548	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	35	3	9	19	54	12	34	1	3	546	35	9	54	34	3	546	13987	4	51	31	13	543
Gender																						
Female	15	1	7	6	40	7	47	1	7	542	15	7	40	47	7	542	6886	4	49	33	14	542
Male	20	2	10	13	65	5	25	0	0	550	20	10	65	25	0	550	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	7	0	0	2	29	4	57	1	14	536	7	0	29	57	14	536	1917	1	31	41	28	536
No	28	3	11	17	61	8	29	0	0	549	28	11	61	29	0	549	12078	5	55	30	11	544
Gifted/talented program																						
Yes	3										3						450	25	72	2	1	557
No	32	2	6	17	53	12	38	1	3	545	32	6	53	38	3	545	13545	4	51	32	13	543

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 5
 SAU: Mechanic Falls School Dept
 School: Elm Street School-Mechanic Fal

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	6	0	0	0	0	2	100	0	0	532	6	0	0	100	0	532	4	2	37	35	25	538
B. less than one hour	66	2	9	15	65	5	22	1	4	548	66	9	65	22	4	548	70	4	53	31	12	544
C. one to two hours	23	1	13	3	38	4	50	0	0	546	23	13	38	50	0	546	24	5	51	31	12	544
D. more than two hours	6	0	0	1	50	1	50	0	0	542	6	0	50	50	0	542	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	14	1	20	3	60	1	20	0	0	552	14	20	60	20	0	552	26	7	56	26	11	545
B. good	49	0	0	13	76	4	24	0	0	547	49	0	76	24	0	547	53	4	53	31	11	544
C. fair	31	2	18	3	27	5	45	1	9	544	31	18	27	45	9	544	18	2	41	39	17	540
D. poor	6	0	0	0	0	2	100	0	0	538	6	0	0	100	0	538	3	1	33	36	30	536
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	23	0	0	3	38	4	50	1	13	539	23	0	38	50	13	539	23	5	56	28	11	544
B. They match some of what I have learned.	43	3	20	10	67	2	13	0	0	552	43	20	67	13	0	552	48	5	52	31	12	544
C. They match just a little of what I have learned.	31	0	0	6	55	5	45	0	0	545	31	0	55	45	0	545	23	4	49	33	14	543
D. There is no match.	3	0	0	0	0	1	100	0	0	538	3	0	0	100	0	538	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	20	2	29	2	29	2	29	1	14	548	20	29	29	29	14	548	23	5	48	31	16	543
B. about the same as my regular schoolwork	46	0	0	10	63	6	38	0	0	545	46	0	63	38	0	545	58	4	52	32	12	543
C. easier than my regular schoolwork	34	1	8	7	58	4	33	0	0	547	34	8	58	33	0	547	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	47	1	6	9	56	6	38	0	0	547	47	6	56	38	0	547	33	5	51	31	14	543
B. a few times a week	29	1	10	6	60	2	20	1	10	545	29	10	60	20	10	545	45	4	52	32	11	544
C. once a week	0										0						8	4	50	30	16	542
D. a few times a month	24	0	0	4	50	4	50	0	0	545	24	0	50	50	0	545	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	23	1	13	3	38	4	50	0	0	547	23	13	38	50	0	547	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	9	0	0	1	33	1	33	1	33	535	9	0	33	33	33	535	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	37	2	15	9	69	2	15	0	0	551	37	15	69	15	0	551	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	31	0	0	6	55	5	45	0	0	544	31	0	55	45	0	544	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	51	3	17	11	61	3	17	1	6	549	51	17	61	17	6	549	47	4	51	32	12	543
B. a few times a month	31	0	0	5	45	6	55	0	0	543	31	0	45	55	0	543	27	5	54	30	11	544
C. once a month	0										0						10	5	49	30	15	543
D. never or almost never	17	0	0	3	50	3	50	0	0	545	17	0	50	50	0	545	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	51	3	17	10	56	5	28	0	0	547	51	17	56	28	0	547	46	4	52	32	12	543
B. a few times a month	26	0	0	7	78	2	22	0	0	550	26	0	78	22	0	550	28	5	53	30	12	544
C. once a month	9	0	0	0	0	2	67	1	33	531	9	0	0	67	33	531	11	4	47	34	15	542
D. never or almost never	14	0	0	2	40	3	60	0	0	545	14	0	40	60	0	545	15	4	50	30	16	542
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
 N = Number